1000

IBS (kPa)

800

600

400

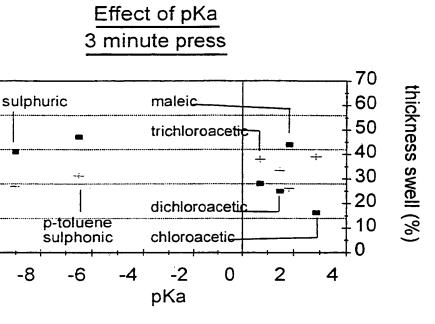
200

0

-10



1 / 9



+ thickness swell

Fig.1

internal bond

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2 / 9

Effect of replacing 40% of resin with maleic acid on IBS

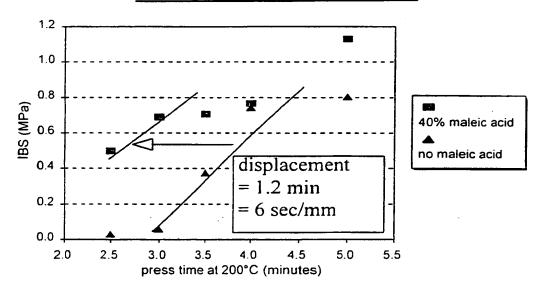


Fig.2

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Effect of replacing 40% of resin with maleic acid on IBS after cold soak

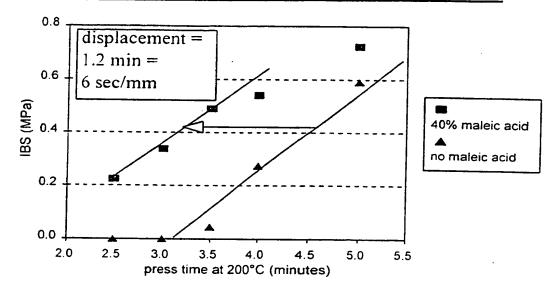


Fig.3

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Effect of replacing 40% of resin with maleic acid on thickness swell

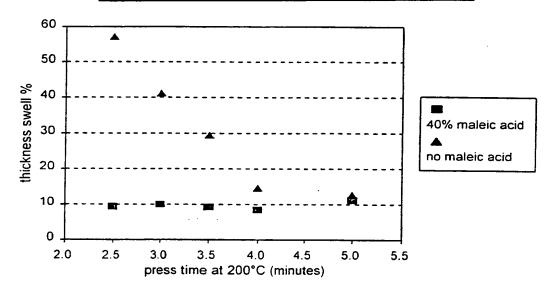


Fig4

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Effect of replacing 25% of resin with maleic acid on IBS

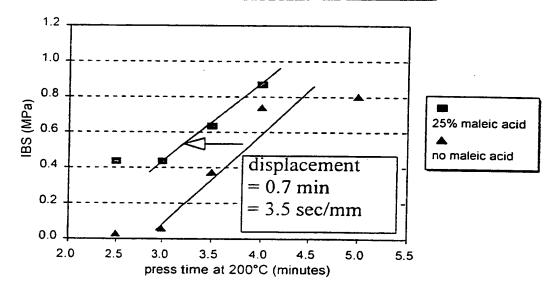


Fig.5

Effect of replacing 25% of resin with maleic acid on IBS after cold soak

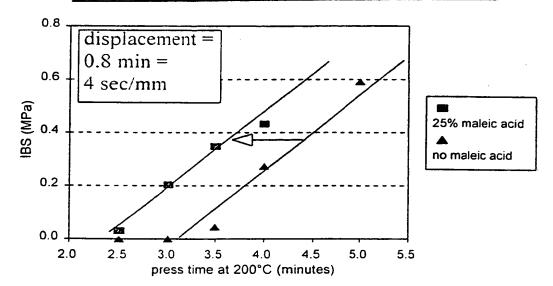


Fig.6

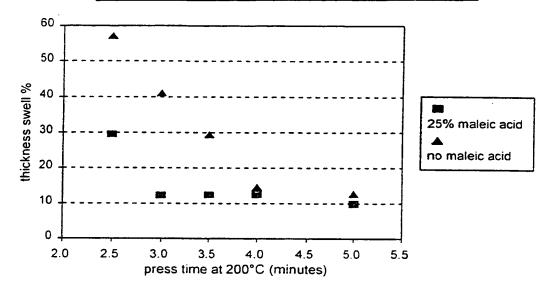


Fig.7

Retained Internal Bond after soaking

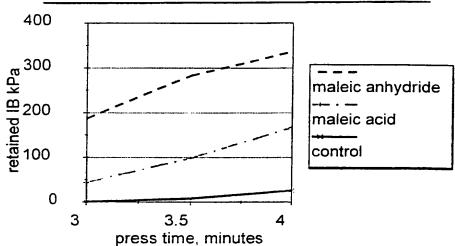
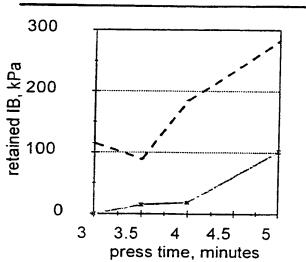


Fig.8



maleic anhydride resin only

Fig.9